



6-8-04

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Attorney Docket No.: 0652-012US2  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Marc D. Andelman et al. Examiner:  
Serial No: 10/772,206 Art Unit: 1732  
Filed: February 4, 2004  
Title: CHARGE BARRIER FLOW-THROUGH CAPACITOR

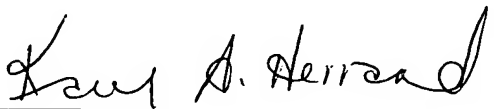
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE UNDER 37 CFR 1.10**

"Express Mail" label number: EV339332086US  
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I hereby certify that the following *attached* paper(s) and/or fee:

Information Disclosure Statement (2 pgs. in duplicate); Form PTO 1449 (Modified) (2 pgs. in duplicate); Copy of foreign references (13); and Postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Karen A. Herrand

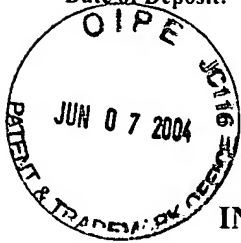
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Marc D. Andelman et al.

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FOR: **CHARGE BARRIER FLOW-THROUGH CAPACITOR**

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**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicant hereby makes of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application. The order of presentation of the references should not be construed as an indication of the importance of the references.

This Information Disclosure Statement is being been filed:

- ☐ within three months of the filing date of the National Application;
- ☐ within three months of the filing date of the entry of the National Stage, as set forth in 37 C.F.R. §1.491, in an International Application; or
- ☒ before the mailing date of a first Office Action on the merits in the above-identified case.

Accordingly, no fee or certification is required. 37 C.F.R. §1.97.

It is respectfully requested that the Examiner consider completely the cited information in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application. By submitting this

**APPLICANT:** Marc D. Andelman et al.

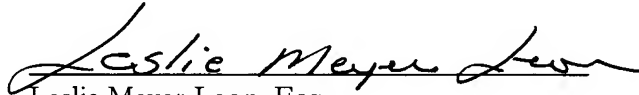
**DOCKET NO.:** 0652-012US2

Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-1895, Reference No. 0652-012US2.

Respectfully submitted,

Date: June 7, 2004

  
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<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  <b>APPLICANT</b> Marc D. Andelman et al.  <b>FILING DATE</b> February 4, 2004	<b>ATTY. DOCKET NO.</b> 0652-012US2	<b>SERIAL NO.</b> 10/772,206
	<b>EXAMINER</b>	
	<b>ART UNIT</b> 1732	

**U.S. PATENT DOCUMENTS**

Exam Init	Ref Des	Document No.	Date MM-DD-YYYY	Name	Class	Sub Class	FILING DATE If Appropriate
		3,244,612	04-05-1966	Murphy			
		3,515,664	06-02-1970	Johnson et al.			
		3,869,376	03-04-1975	Tejeda	204	301	
		4,165,273	08-21-1979	Azarov et al.	204	301	
		4,608,140	08-26-1986	Goldstein	204	182.3	
		4,632,745	12-30-1986	Giuffrida et al.	204	301	
		4,747,929	05-31-1988	Siu et al.	204	301	
		4,956,071	09-11-1990	Giuffrida et al.	204	301	
		5,192,432	03-09-1993	Andelman	210	198.2	
		5,196,115	03-23-1993	Andelman	210	198.2	
		5,200,068	04-06-1993	Andelman	210	198.2	
		5,308,466	05-03-1994	Ganzi et al.	204	151	
		5,360,540	11-01-1994	Andelman	210	198.2	
		5,415,768	05-16-1995	Andelman	210	198.2	
		5,503,729	04-02-1996	Batchelder et al.	204	630	
		5,538,611	07-23-1996	Otowa	204	550	
		5,547,581	08-20-1996	Andelman	210	656	
		5,558,753	09-24-1996	Gallagher et al.	204	632	
		5,620,597	04-15-1997	Andelman	210	198.2	
		5,706,165	01-06-1998	Saito et al.	361	502	
		5,748,437	05-05-1998	Andelman	361	302	
		5,776,384	07-07-1998	Firsich et al.	264	29.4	
		5,779,891	07-14-1998	Andelman	210	198.2	
		5,858,191	01-12-1999	DiMascio et al.	204	524	
		5,868,915	02-09-1999	Ganzi et al.	204	524	
		6,094,788	08-01-2000	Farahmandi et al.	25	25.41	
		6,127,474	10-03-2000	Andelman	524	495	
		6,214,204 B1	04-10-2001	Gadkaree et al.	205	758	
		6,325,907	12-04-2001	Andelman			
		6,413,409	07-02-2002	Toshiro Otowa et al.			
		6,628,505	09-30-2003	Andelman			
		6,709,560	03-23-2004	Andelman			
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		2004/0012913A1	01-22-2004	Andelman			

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		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation	
							Yes	No
		EP 0 436 436 B1	08-17-1994	Centre National D'Etudes Spatiales				
		JP 04-14309A2	05-07-1990	Matsushita Electric Ind Co Ltd				
		JP 09-320906A2	12-12-1997	Honda Motor Co Ltd				
		JP 10-50565A2	02-20-1998	NEC Corp				
		JP 11-102845A2	04-13-1999	Asahi Glass Co Ltd				
		JP 11-232383A2	08-27-1999	Oki Electric Ind Co Ltd				
		JP 11-251197A2	09-17-1999	Isuzu Advanced Engineering Center Ltd				
		JP 2000-169128A2	06-20-2000	Showa Denko KK				
		JP 2000-315627A2	11-14-2000	CCR:KK				
		JP 2001-110689A2	04-20-2001	Asahi Kasei Corp				
		JP 11-162795A2	06-18-1999	Isuzu Advanced Engineering Center Ltd				
		WO 98/15962	04-16-1998	Maxwell Technologies, Inc.				
		WO 01/45121A1	06-21-2001	Paul Scherrer Institut				
EXAMINER				DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Applicant.